

Claims

- [c1] 1. A toothbrush with moving bristle, comprising:
- a.a capping piece to be place on a person"s finger having some bristle around a hole in the tip portion of said capping piece;
 - b.a bristle piece rotatably located through the hole in the tip portion of said capping piece;
 - c. a flexible but rigid cord connecting the back end of said bristle piece and placed inside a tube-like space built along the side of said capping piece; and
 - d.a driving means providing rotating motion to said cord.
- [c2] 2. The toothbrush of claim 1, wherein said bristle piece is driven by said cord by the use of a pair of bevel gears.
- [c3] 3. The tooth brush of claim 1, wherein said bristle piece further having a receptacle piece at its back end, and is driven to move in a non-circular fashion, by a cam piece connected to said cord.
- [c4] 4. The toothbrush of claim 1, wherein said driving means consist of an electrical motor coupled with gear reduction means to reduce said cord"s rotational speed but

increase its rotational torque.

- [c5] 5. The toothbrush of claim 1, wherein said driving means consist of a rack-and-pinion type shaft that can be powered by a person's fingers and palm to drive and rotate said cord.